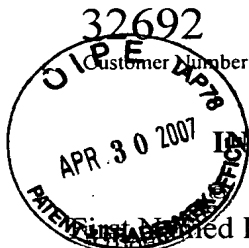


SFW

Patent  
Case No.: 60209US002



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: BAETZOLD, JOHN P.  
Application No.: 10/596953 Confirmation No.: 2864  
Filed: December 17, 2004  
Title: ACOUSTIC SENSORS AND METHODS

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop: Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR § 1.8(a)]	
I hereby certify that this correspondence is being:	
<input checked="" type="checkbox"/> deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
<u>April 25, 2007</u> Date	<u>Carrie M. Arcand</u> Signed by: Carrie M. Arcand

Dear Sir:

Pursuant to 37 CFR §§ 1.56, 1.97, and 1.98, enclosed is a completed Form PTO-1449, citing references submitted for consideration by the Examiner. It is respectfully requested that the Examiner initial and return the enclosed Form PTO-1449 to indicate that each reference has been considered.

Copies of any cited foreign patents, foreign publications, non-patent literature documents, and any pending U.S. applications filed before June 30, 2003, are enclosed. Copies of any pending U.S. applications filed after June 30, 2003 that can be accessed on the USPTO's IFW system are not enclosed as per USPTO Waiver dated September 21, 2004. Copies of any U.S. patents and published U.S. patent applications are not enclosed.

If a first Office Action on the merits has been mailed prior to the mailing date of this document, please charge the fee for consideration of an Information Disclosure Statement set forth in 37 CFR § 1.17(p).

It is believed that no fee is due; however, in the event a fee is required, please charge the fee to Deposit Account No. 13-3723.

Respectfully submitted,

April 19, 2007  
Date

By: Nancy M. Lambert  
Nancy M. Lambert, Reg. No.: 44,856  
Telephone No.: 651-733-2180

Office of Intellectual Property Counsel  
3M Innovative Properties Company  
Facsimile No.: 651-736-3833

Substitute for form 1449A/PTO (modified)

Application Number

10/596953

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Filing Date

December 17, 2004

First Named Inventor

Baetzold, John P.

Confirmation Number

2864

Attorney Case Number

60209US002

Use as many sheets as necessary)

Page 1 of 3

## U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
	A1	US- 3,442,815	05-06-1969	Rauhut et al.	
	A2	US- 3,801,533	04-02-1974	Tetenbaum et al.	
	A3	US- 4,233,029	11-11-1980	Columbus	
	A4	US- 4,335,238	06-15-1982	Moore et al.	
	A5	US- 4,338,237	07-06-1982	Sulzbach et al.	
	A6	US- 4,558,142	12-10-1985	Holland et al.	
	A7	US- 5,076,094	12-31-1991	Frye et al.	
	A8	US- 5,151,110	09-29-1992	Bein et al.	
	A9	US- 5,117,146	05-26-1992	Martin et al.	
	A10	US- 5,235,235	08-10-1993	Martin et al.	
	A11	US- 5,285,002	02-08-1994	Grootaert	
	A12	US- 5,583,114	12-10-1996	Barrows et al.	
	A13	US- 5,587,513	12-24-1996	Pohmer et al.	
	A14	US- 5,700,612	12-23-1997	Kato et al.	
	A15	US- 5,763,283	06-09-1998	Cernosek et al.	
	A16	US- 5,814,525	09-29-1998	Renschler et al.	
	A17	US- 5,836,203	11-17-1998	Martin et al.	
	A18	US- 5,874,500	02-23-1999	Rhee et al.	
	A19	US- 5,888,594	03-30-1999	David et al.	
	A20	US- 5,984,166	09-07-1999	David et al.	
	A21	US- 6,156,270	12-05-2000	Buechler	
	A22	US- 6,232,139	05-15-2001	Casalnuovo et al.	
	A23	US- 6,369,893	04-09-2002	Christel et al.	
	A24	US- 6,573,338	06-03-2003	Halverson et al.	
	A25	US- 6,632,872	10-14-2003	Pellerite et al.	
	A26	US- 6,656,428	12-02-2003	Clark et al.	
	A27	US- 7,169,933	01-30-2007	Benson et al.	
	A28	US- 7,175,876	02-13-2007	Free et al.	

\*Examiner:

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Information Disclosure Statement)

<b>Substitute for form 1449A/PTO (modified)</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)  Page 2 of 3	<b>Application Number</b>	<b>10/596953</b>
	<b>Filing Date</b>	<b>December 17, 2004</b>
	<b>First Named Inventor</b>	<b>Baetzold, John P.</b>
	<b>Confirmation Number</b>	<b>2864</b>
	<b>Attorney Case Number</b>	<b>60209US002</b>

U.S. Patent Documents					
Exam. Init.*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
	A29	US- 7,179,923	02-20-2007	Benson et al.	
	A30	US- 2003/0010474 A1	01-16-2003	Araki et al.	
	A31	US- 2003/0170881 A1	09-11-2003	Davis et al.	
	A32	US- 2005/0106709 A1	05-19-2005	Benson et al.	
	A33	US- 2005/0227076 A1	10-13-2005	Benson et al.	
	A34	US- 2007/0068256 A1	03-29-2007	Xu et al.	

Foreign Patent Documents							
Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-KindCode (If known)				
	B1	CA	2 369 720 A1	07-30-2003	Iowa State Univ.		
	B2	EP	0 010 844 A1	05-14-1980	American Cyanamid		
	B3	EP	0 177 740	05-16-1986	Bayer AG		Abstract
	B4	EP	0 446 047 A1	09-11-1992	Unilever		
	B5	EP	0 535 236 B1	04-07-1993	Fuji		
	B6	EP	0 657 737 A2	06-14-1995	Hewlett-Packard		
	B7	EP	0 814 381 B1	12-29-1997	Fuji		
	B8	JP	03055544	07-25-1989	Fuji		Abstract
	B9	JP	1-114861	08-05-1989	Fuji		Abstract
	B10	JP	5-188663	07-30-1993	Fuji		Abstract
	B11	JP	9-054463	02-25-1997	Fuji		Abstract
	B12	JP	1-1109630	04-23-1999	Fuji		Abstract
	B13	JP	2003-322860	11-14-2003	Hitachi		Abstract
	B14	WO	00/16903	03-30-2000	Biosensor		
	B15	WO	01/23892 A1	04-05-2001	Sensorchem		
	B16	WO	01/66820 A1	09-13-2001	3M IPCo		
	B17	WO	02/088296 A1	11-07-2002	Boston Biomedica		
	B18	WO	02/095940 A1	11-28-2002	Microtechnology		
	B19	WO	03/068712 A2	08-21-2003	CNRS		

<b>*Examiner:</b>	<b>Date Considered:</b>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

<b>Substitute for form 1449A/PTO (modified)</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)  Page 3 of 3	<b>Application Number</b>	<b>10/596953</b>
	<b>Filing Date</b>	<b>December 17, 2004</b>
	<b>First Named Inventor</b>	<b>Baetzold, John P.</b>
	<b>Confirmation Number</b>	<b>2864</b>
	<b>Attorney Case Number</b>	<b>60209US002</b>

Foreign Patent Documents						
Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Ctry. Code	Number-KindCode (If known)			
	B20	WO	2004/067732 A2	08-12-2004	Ustav	
	B21	WO	2005/075973 A2	08-18-2005	3M IPCo	
	B22					

OTHER DOCUMENTS			
Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation (Check if yes)
	C1	Branch et al.; "Low-level detection of Bacillus anthracis stimulant using Love-wave biosensors on 36°YXLiTaO3;" <u>Biosensors and Bioelectronics</u> ; 19 (2004) pp 849 - 859	
	C2	David et al.; "Plasma Deposition and Etching of Diamond-Like Carbon Films;" <u>AIChE Journal</u> ; March 1991, Vol. 37, No. 3 pp 367 - 376	
	C3	Grate et al.; "Acoustic Wave Sensors;" Vol. 2, pp 38 - 83, 1996 (XP-002334970)	
	C4	Tseng et al., J.Org. Chem., Vol. 44, No. 23, 1979, pp. 4113-4116 (XP-002331678)	
	C5	Adams et al., Journal of American Chemical Society, 78, 3825-3828, 1956, (XP-002331677)	
	C6	Mustafa et al, Journal of American Chemical Society, 79, 1945-1949, 1957, (XP-002331676)	
	C7	Guo et al., Journal of Fluorine Chemistry, 52, 29-36, 1991, (XP-002331675)	
	C8	Yoshio et al., Database accession No. 1979: 492034 (XP-002331680)	
	C9	Toshiaki et al, Database accession No. 1995: 708887 (XP-002331681)	
	C10	Satoshi et al., Database accession no. 2004: 1125476 (XP-00231679)	

<b>*Examiner:</b>	<b>Date Considered:</b>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

*Information Disclosure Statement)*